

## KIPTUILONG WATER FURROW - Tambach ward

### BILL No. 1 PRELIMINARY ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QTY	RATE (Ksh)	AMOUNT (Ksh)
<b>1.1</b>	<b>Contractual Requirements</b>				
1.1	Erection and maintenance of Project signboard	No.	1	15,000.00	15,000.00
1.2	The contractor shall allow a prime sum to be expended by the engineer for supervision, stationery and airtime.	Item		LS	30,000.00
	<b>Total bill No 1. Carried to summary</b>				<b>45,000.00</b>

**BILL No.2: INTAKE WORKS - Kiptuilong**

<b>NO</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Ksh)</b>	<b>AMOUNT (Ksh)</b>
<b>2.1</b>	<b>EXCAVATIONS</b>				
	<i>To include for all trimming to levels, back fillings with approved selected spoils, compacting, disposal of surplus materials and reinstatement.</i>				
2.1.1	Excavate in rocky soil to take weir, wing walls, abutments, inlet chamber, riprap, key, aprons, cut off walls etc. to a depth n.e 0.5m deep	m <sup>3</sup>	4		
<b>2.2</b>	<b>CONCRETE WORKS</b>				
	<i>Provide and place the following concrete mixes including all form-work.</i>				
2.2.1	Concrete grade 20/20 (1:2:4) for weir body, inlet chamber and wing walls as specified in the drawing	m <sup>3</sup>	6.64		
2.2.2	Stone Riprap of 0.2m thick for the weir d/s apron as specified in the drawing	m <sup>2</sup>	7		
<b>2.3</b>	<b>REINFORCEMENTS</b>				
	<i>Provide, support and fix the following reinforcement, including all cutting, bending and supports for weir body, floors, walls, slabs, beams etc as shown in the drawings</i>				
2.3.1	High tensile steel, Y10	Kg	192		
<b>2.4</b>	<b>PIPEWORK</b>				

	<b><i>Provide, lay, joint and test the following pipes and fittings. Rates to include for all jointing materials, cutting wastage and anchorage</i></b>				
2.4.1	80mm dia. GI 1m long spigot threaded at one end for the scour pipe	No	1		
2.4.2	80mm dia. end plug	No	1		
2.4.3	80mm dia GI pipes	No	2		
2.4.4	80mm sluice valve	No	1		
2.4.5	Construct sluice chamber: 600mm x 600mm x 400mm	No	1		
	<b>Total bill No 2. Carried to summary</b>				

**BILL No.3: PIPELINE - Kiptuilong**

NO	ITEM DESCRIPTION	UNIT	QTY	RATE (Ksh)	AMOUNT (Ksh)
<b>3.1</b>	<b>EXCAVATIONS</b>				
	<i>To include for all trimming to levels, back fillings with approved selected spoils, compacting, disposal of surplus materials and reinstatement.</i>				
3.1.1	Excavate pipeline trench in normal soil to a depth n.e. 0.3m deep to take pipes	m <sup>3</sup>	60		
<b>3.2</b>	<b>GI PIPEWORK</b>				
	<i>Provide, lay, joint and test the following pipes and fittings . Rates to include for all jointing materials, cutting wastage and anchorage.</i>				
4.2.1	80mm dia class B pipes	m	60		
3.2.2	80mm unions	No	2		
3.2.3	80mm sockets	No	5		
3.2.4	80mm x 50mm reducer	No	1		
3.2.5	50mm dia class B pipes	m	180		
3.2.6	50mm unions	No	4		
3.2.7	50mm sockets	No	15		
3.2.8	50mm x 25mm reducer	No	1		
3.2.9	25mm dia class B pipes	m	360		
3.2.10	25mm unions	No	8		
3.2.11	25mm sockets	No	35		
3.2.12	25mm T joints	No	20		
<b>3.3</b>	<b>CONCRETE WORKS</b>				
	<i>Provide and place the following concrete mixes including all form-work.</i>				

3.3.1	Concrete grade 20/20 (1:2:4) for pipes support pillars and anchor blocks as specified by the engineer	m <sup>3</sup>	0.2		
<b>3.4</b>	<b>REINFORCEMENT</b>				
	<i>Provide support and fix the following reinforcement, including all cutting, bending and supports for weir body, floors, walls, slabs, etc as shown in the drawings</i>				
3.4.1	High tensile steel R8	Kg	7		
3.4.2	High tensile steel R6 stirrups	Kg	4		
	<b>Total bill No 3. Carried to summary</b>				

### SUMMARY SHEET - Kiptuilong

Bill No.	Description	Amount (KSh)
1	Preliminaries and General	45,000.00
2	Intake works	
3	Pipeline	
	<b>Total inclusive of VAT</b>	